

# BRAIN RESEARCH MOLECULAR BRAIN RESEARCH

**VOL. 105 NOS. 1,2**

**CONTENTS**

**30 SEPTEMBER 2002**

*Cited in Biological Abstracts (BIOSIS) – Chem. Abstracts – Index Medicus (MEDLINE) – Current Contents (Life Sci.) – EMBASE/Excerpta Medica – Psychological Abstracts (PsycINFO) – Pascal et Francis (INIST-CNRS) – RIS (Reference Update) – Elsevier BIOBASE/Current Awareness in Biological Sciences. Full text available in ScienceDirect® and Neuroscion*

*Publisher's Notes*

Change in policy for publishing Gene Expression Patterns papers	v
Why publish Gene Expression Patterns papers, in Brain Research?	vi

*Announcement*

Brain Research Interactive Young Investigator Awards	vii
--	-----

*Guide for Authors*

viii

*Themes and Topics*

xiii

*Research reports*

Conservation of the developmentally regulated dendritic localization of a Purkinje cell-specific mRNA that encodes a G-protein modulator: comparison of rodent and human <i>Pcp2(L7)</i> gene structure and expression X. Zhang, H. Zhang, J. Oberdick (USA)	1
Role of MAP kinase in signaling indispensable amino acid deficiency in the brain J.W. Sharp, L.J. Magrum, D.W. Gietzen (USA)	11
Sodium channel $Na_v1.6$ is expressed along nonmyelinated axons and it contributes to conduction J.A. Black, M. Renganathan, S.G. Waxman (USA)	19
Identification of PAC1 receptor isoform mRNAs by real-time PCR in rat suprachiasmatic nucleus S. Ajpru, A.J. McArthur, H.D. Piggins, D. Sugden (UK)	29
Orphanin FQ/nociceptin blocks chronic morphine-induced tyrosine hydroxylase upregulation D.R. Thakker, K.M. Standifer (USA)	38
Ezrin and moesin co-localise with ICAM-1 in brain endothelial cells but are not directly associated I.A. Romero, C.L. Amos, J. Greenwood, P. Adamson (UK)	47
FGF-18 is a neuron-derived glial cell growth factor expressed in the rat brain during early postnatal development M. Hoshikawa, A. Yonamine, M. Konishi, N. Itoh (Japan)	60
Expression of the mouse <i>Macf2</i> gene during inner ear development E.V. Leonova, M.I. Lomax (USA)	67
<i>Homer-1</i> mRNA in the rat suprachiasmatic nucleus is regulated differentially by the retinohypothalamic tract transmitters pituitary adenylate cyclase activating polypeptide and glutamate at time points where light phase-shifts the endogenous rhythm H.S. Nielsen, B. Georg, J. Hannibal, J. Fahrenkrug (Denmark)	79
Improved neurotensin-vector-mediated gene transfer by the coupling of hemagglutinin HA2 fusogenic peptide and Vp1 SV40 nuclear localization signal I. Navarro-Quiroga, J. Antonio González-Barrios, F. Barron-Moreno, V. González-Bernal, D.B. Martinez-Arguelles, D. Martinez-Fong (Mexico)	86
Expression of members of <i>Wnt</i> and <i>Frizzled</i> gene families in the postnatal rat cochlea N. Daudet, C. Ripoll, J.-P. Molès, G. Rebillard (France)	98
NF- $\kappa$ B mediates IL-1 $\beta$ -induced synthesis/release of $\alpha_2$ -macroglobulin in a human glial cell line F. Gao, K.R. Bales, R.C. Dodel, J. Liu, X. Chen, H. Hamble, M.R. Farlow, S.M. Paul, Y. Du (USA, Germany, China)	108
Differential expression of nerve growth factor transcripts in glia and neurons and their regulation by transforming growth factor- $\beta$ 1 G. Yu, M. Fahnstock (Canada)	115
Resistance to alcohol withdrawal-induced behaviour in Fyn transgenic mice and its reversal by ifenprodil O. Stork, N. Kojima, S. Stork, N. Kume, K. Obata (Japan)	126
Prolactin receptor gene expression in the forebrain of pregnant and lactating rats P.E. Mann, R.S. Bridges (USA)	136

(Contents continued inside)



0169-328X(20020930)105:1/2;1-O

---

*(contents continued)**Short communications*

- Downregulation of voltage-gated potassium channel  $\alpha$  gene expression in dorsal root ganglia following chronic constriction injury of the rat sciatic nerve  
D.S. Kim, J.O. Choi, H.D. Rim, H.J. Cho (South Korea) 146
- A reeler mutant mouse with a new, spontaneous mutation in the reelin gene  
T.E. Andersen, B. Finsen, A.M. Goffinet, O.-G. Issinger, B. Boldyreff (Denmark, Belgium) 153
- Immediate early gene expression in the visual cortex of normal and dark reared cats: differences between *fos* and *egr-1*  
G.D. Mower, I.V. Kaplan (USA) 157

*Erratum*

- Erratum to: Identification of a neurorestrictive suppressor element (NRSE) in the human  $\mu$ -opioid receptor gene. [Molecular Brain Research 91 (2001) 73–80]  
M.L. Andria, E.J. Simon (USA) 161

- Author index* 162



To view articles from this journal, visit Neuroscion,  
the comprehensive neuroscience information service on the web.

Register today at [www.neuroscion.com](http://www.neuroscion.com)